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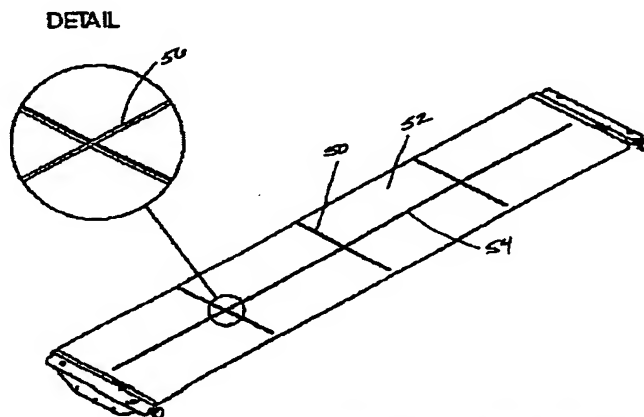
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(54) Title: **SYSTEM AND METHOD FOR CALIBRATING AND POSITIONING A RADIATION THERAPY TREATMENT TABLE**



(57) **Abstract:** A system and method for calibrating and positioning a radiation therapy treatment table with a high degree of precision and accuracy. The system and method comprising a treatment table for use with a radiation therapy system with radiographic indexing markers embedded or inlaid in the patient treatment table. The radiographic indexing markers having a density different from density of the table material, or a radio-frequency or magnetic contrasting matter, something that the imaging system and detector of the radiation therapy system can detect, so that when scanned, with or without a patient or phantom on the table, the precise location of the patient treatment table in the x, y and z planes is known. The radiographic indexing markers may also have the ability to be visually seen by the technician, doctor, physicist or other health care provider conducting the procedure. This is important so that the table may be reconstructed, alone or with a phantom on it, by the radiation therapy system software, providing a very good indication of where the table top is prior to treatment.

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From the INTERNATIONAL BUREAU

**PCT**NOTIFICATION OF THE RECORDING  
OF A CHANGE(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

To:

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Michael Best & Friedrich LLP  
100 East Wisconsin Avenue  
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ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year) 02 May 2006 (02.05.2006)	<b>IMPORTANT NOTIFICATION</b>
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## 1. The following indications appeared on record concerning:

☐ the applicant
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## 2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

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## 3. Further observations, if necessary:

Please note the new file reference number.

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